

FIGURE 1
HIGH DENSITY OPTICAL DATA STORAGE
WORKING PRINCIPLE (SEE TEXT)

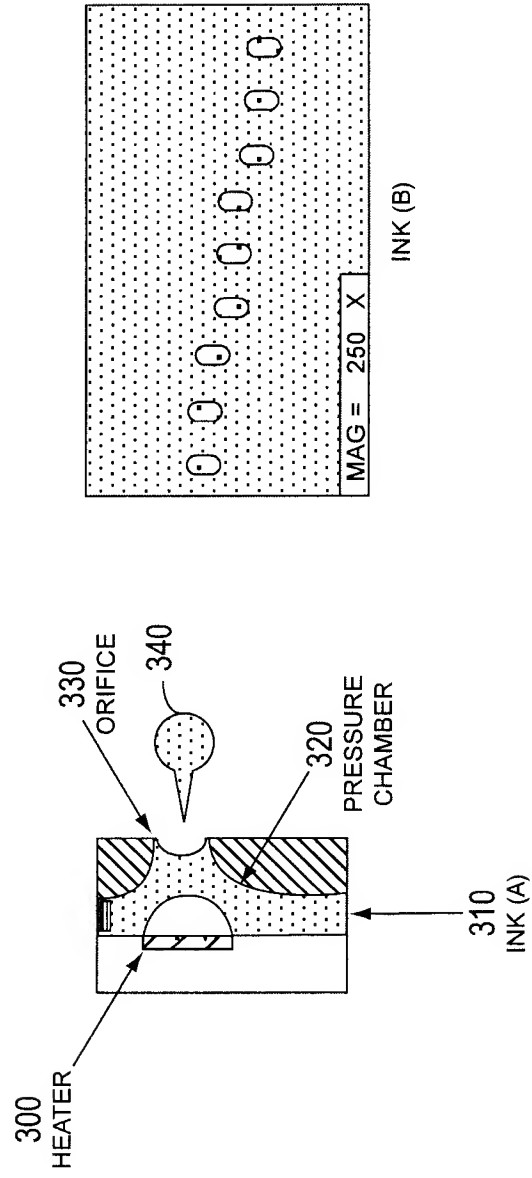


FIGURE 2
A) BUBBLE INKJET TECHNOLOGY
B) ARRAY OF NOZZLES

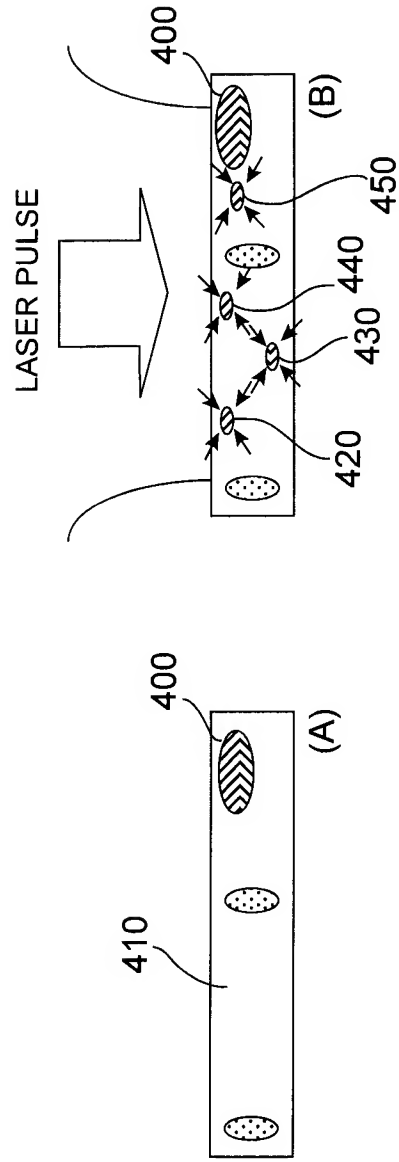


FIGURE 3

A) METALLIC NANOPARTICLES EMBEDDED IN A MATRIX
B) PARTICLE SIZE SHAPING WITH LASER PULSES

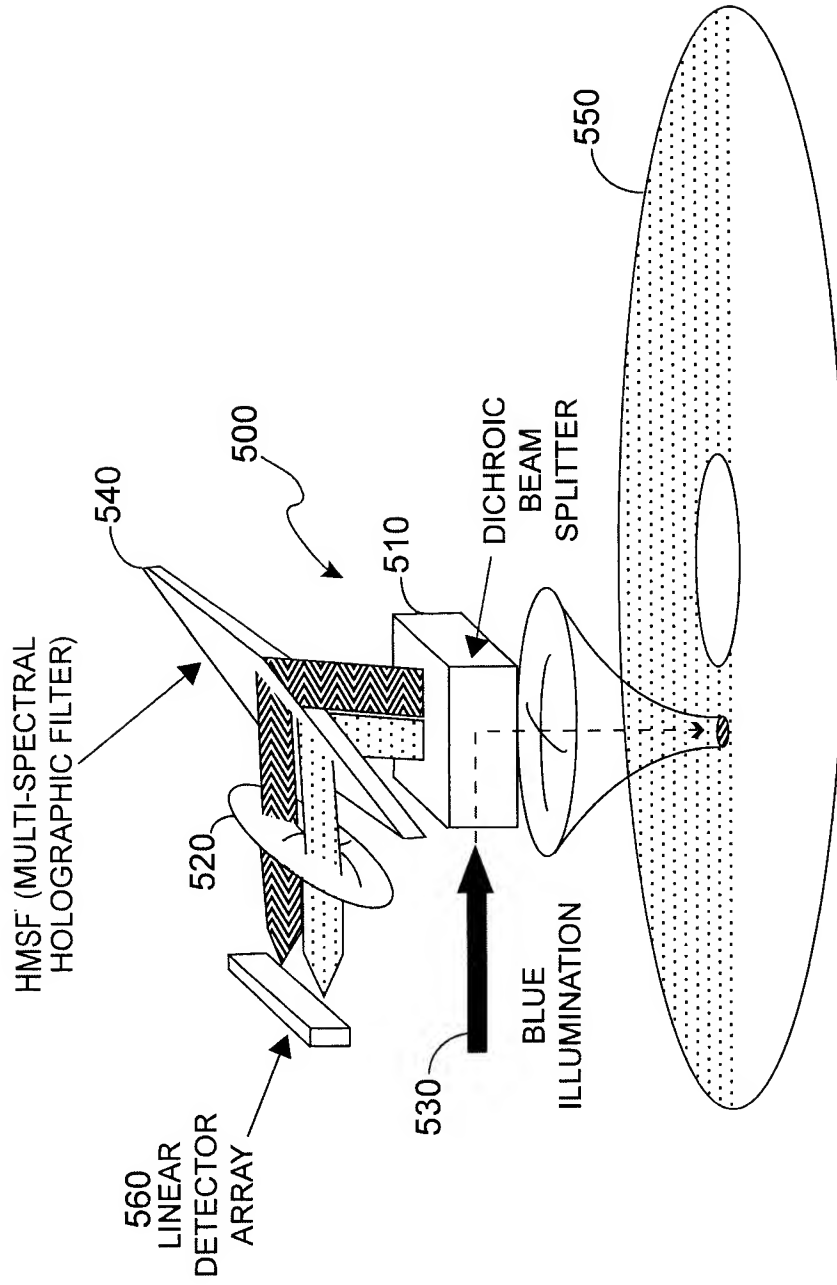


FIGURE 4
READ-OUT HEAD COMPRISING A HOLOGRAPHIC MULTI-SPECTRAL FILTER (HMSF)
FOR COMPACTNESS AND LARGE SPECTRAL RANGE (450-1160 NM)

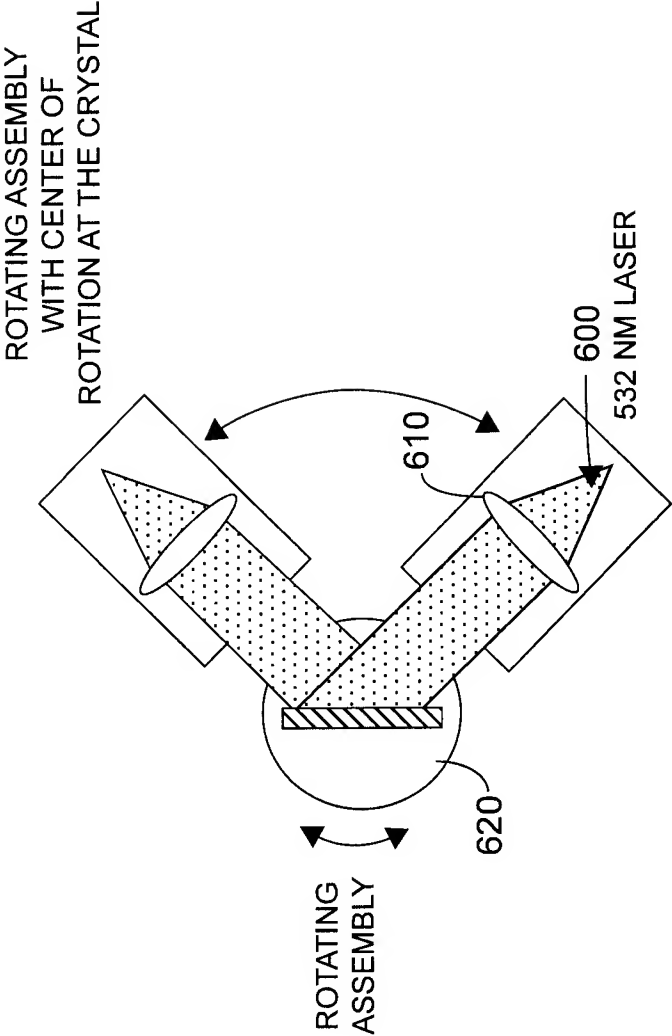


FIGURE 5
RECORDING OF THE HMSF

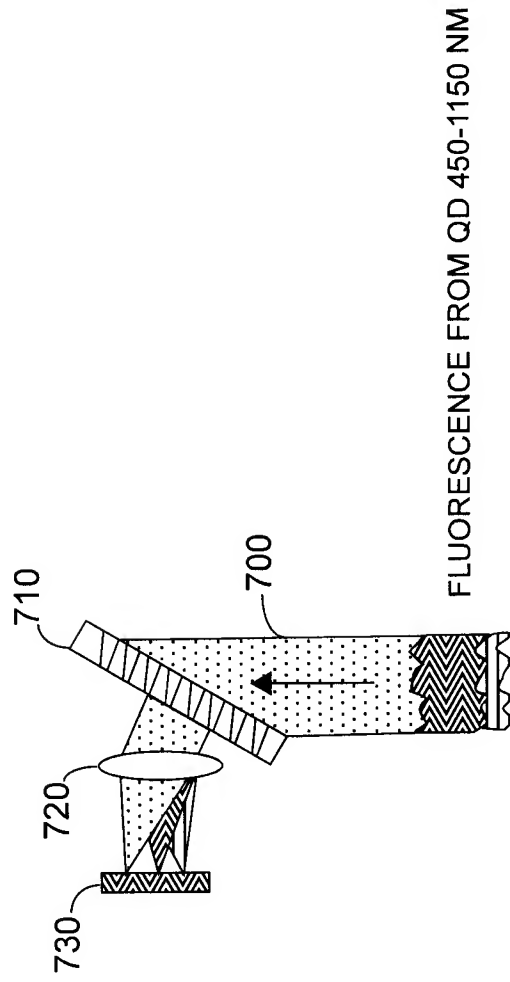


FIGURE 6
READ-OUT HEAD COMPRISING A HMSF FOR
COMPACTNESS AND EXTENDED RANGE